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Survey of Hinton.

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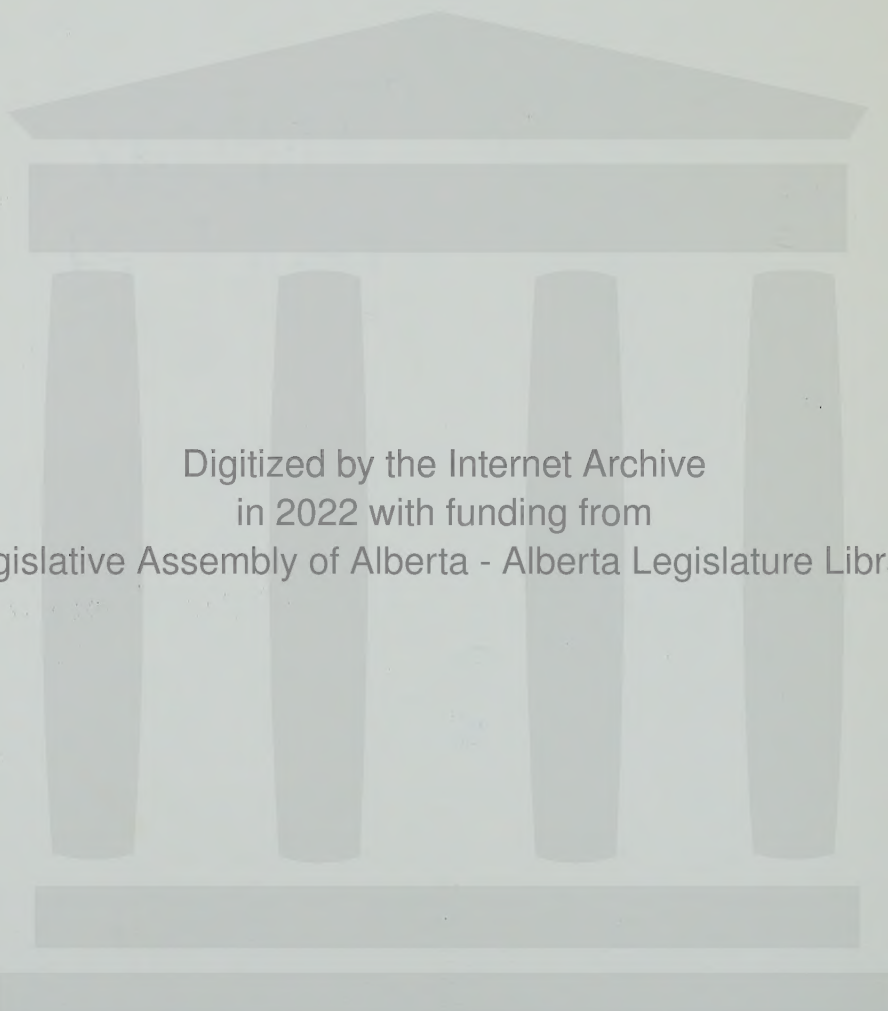
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**SURVEY  
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OF  
VAULT 19  
HINTON**

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GOVERNMENT OF  
THE PROVINCE OF ALBERTA



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# *Town of Hinton*

(Revised September, 1970)

## **1. LOCATION**

Section 51-24-25-W5 in Census Division No. 14. This location is 185 miles west of Edmonton on Highway 16 (Yellowhead Highway), and is on the main line of the Canadian National Railway - Vancouver to Montreal.

## **2. ALTITUDE**

3,265 feet

Latitude 53/25

Longitude 117/34

## **3. TEMPERATURE**

Mean summer - 53° F.

Mean winter - 23° F.

Mean yearly - 36° F.

## **4. PRECIPITATION**

Annual snowfall - 58.4 inches.

Annual rainfall - 14.07 inches.

Annual total precipitation - 19.91 inches.

Note: Sections No. 3 and No. 4 are taken from the weather station at Edson.

## **5. GEOLOGY**

The Hinton area is underlain by sedimentary rocks of Upper Cretaceous age, known as the Saunders Group. These rocks consist of sandstone, shale, thin volcanic ash, conglomerate and coal. There is a surface cover of glacial drift which is composed of sandy clay. Sand dunes in the area are formed from sandy bottoms of ancient glacial lakes and glacial meltwaters.

## **6. SOIL**

Hinton is in the grey wooded soil zone.

### **Vegetation—**

A mixed deciduous and evergreen woodland in which moss bogs (muskegs) and sledge bogs are of common occurrence.

### **Soil Profile—**

These soils have developed under humid soil moisture conditions. The surface horizon consists of semi-decomposed leaf litter that may be absent

if the area has been burned over; a thin (sometimes absent) horizon that may be grey black, brown or grey brown, and a severely leached and platy, greyish sub-soil, whose depth will average about 6 to 8 inches. The sub-soils are finer textured, compact, and often darker in color than the top soils. The depth to lime is quite variable, often ranging from 30 to 50 inches.

#### **Fertility—**

Soils in this zone are relatively less fertile because of leaching. They are usually deficient in nitrogen, phosphorus, organic matter, and sometimes in sulphur.

#### **Land Use—**

Mixed farming in which legumes, hays and coarse grains are the most desirable crops. Rotations including legumes and grasses, supplemented with fertilizers, have given the most satisfactory results.

### **7. HISTORY**

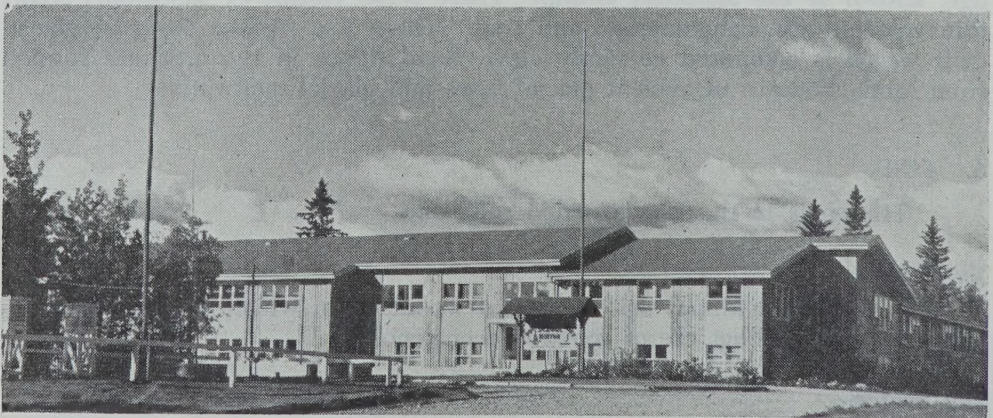
The forests and fur trapping drew the first white settlers to the area. Beaver, muskrat, fox and mink were trapped and the pelts marketed. Large lumber and planing mills were located in the district, harvesting white spruce and pine.

The Town was named for a general superintendent of the Grand Trunk Pacific Railways and at Prairie Creek just west of the present townsite a railway boom town existed from 1908 to 1911, during which time railway construction was carried out.

Coal mines operated on a large scale from 1924 until 1941 when the last large mine closed. Smaller operations continued as late as 1946.

Hinton has always been a major centre for big game hunting and a number of guides and outfitters operated in the area over the years.

Oil exploration and drilling was active in the forties. From 1943 to 1948, wells were drilled at Brule, the Park gate and at Muskeg River.



Foresters and lumbermen, as well as Junior Forest Wardens, undergo training at the Forestry School at Hinton.



The rich green forests became the source of renewed interest in the town when North Western Pulp and Power Company leased 3,000 sq. miles of timber land and in 1955 commenced construction of Alberta's first pulp mill. A 240 acre plant site was cleared and the pulp mill was built at a cost of \$52 million commencing operations in the summer of 1957. As the result of the construction of this mill a fully modern townsite was built to accommodate the employees and other people of the community.

Cardinal River Coals have reopened the mines at Luscar and are now shipping treated coal to the Japanese market. All personnel at the mine are living in Hinton and commuting.

McIntyre Mines have established coal mines in the Smoky River area 100 miles north of Hinton and the new town of Grande Cache has been built to serve the area.

Domtar Ltd. have set up a pole peeling plant and are utilizing the select long logs from North Western Pulp and Power to process power and hydro poles for utility distribution.

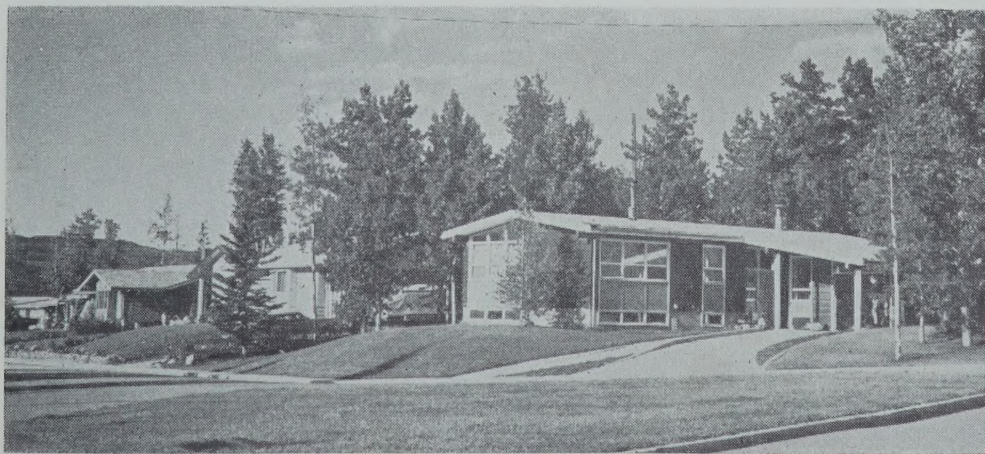
## **8. LIVING CONDITIONS**

Hinton was built on the slopes and valley of the Athabasca River. The climate is moderate with rare extremes of excessive heat and cold.

The Town is a thriving community with residential areas and town lands being improved with gardens, grassed boulevards and improved paved streets and sidewalks. Community services and retail outlets are provided by private enterprise and government bodies, to make Hinton a settled, urban area against the backdrop of the majestic Rockies a few miles to the West.

Ideal fishing, upland game, and big game hunting is available in the area.

For the sports minded, Hinton is surrounded by three parks, Jasper National Park, Entrance Provincial Park and the Wilderness Parks which provide hunting, fishing, boating, skiing and various other recreational facilities.



Residential areas are filled with fine modern new homes with all amenities.



## **9. ADMINISTRATION**

The Town is governed by a Mayor and six Councillors, all elected for a three-year term. The Town Manager administers the Town affairs in accordance with the policies set out by Council and the Municipal Government Act.

## **10. LAWS AND REGULATIONS**

The Town hires its own police force consisting of a Police Chief and four Constables. The Royal Canadian Mounted Police detachment police the highway and rural areas and maintain headquarters in the town; one visiting police magistrate; one Justice of the Peace.

### **Regulations—**

All buildings must conform to the by-laws of the Town of Hinton based on the National Building Code. All new buildings, major repairs to buildings or the removal of buildings must be approved by the Town after which a permit is issued.

Electrical installations must comply with the requirements of the Alberta Electrical Protection Act.

Sanitary installations must comply with the requirements of the Provincial Health Regulations, administered by the town.

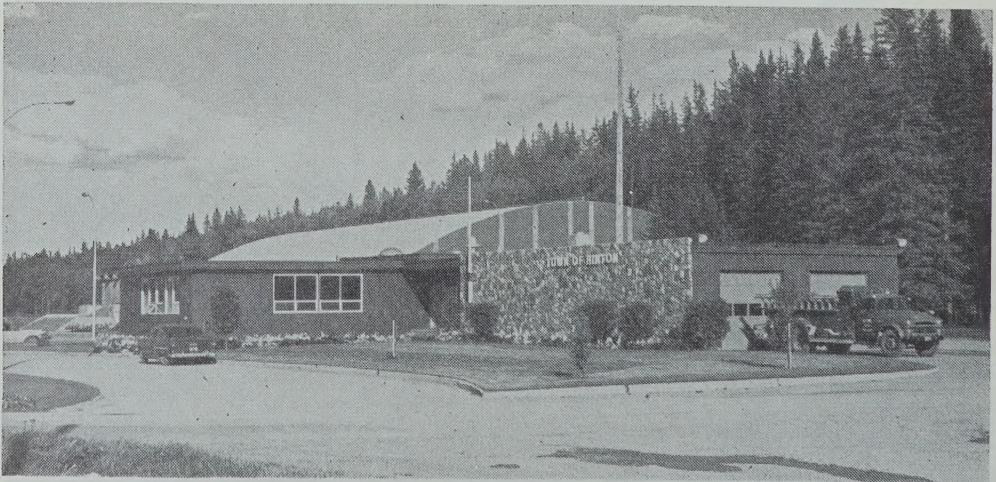
Gas installations must comply with the requirements of the Alberta Gas Protection Act, and must be approved by the town's Gas Inspector before gas is turned on.

## **11. FIRE PROTECTION**

The fire brigade consists of a Fire Chief and 21 volunteer firemen.

### **Equipment—**

One 1957 Fargo truck equipped with a King Seagrave triple pumper,



The town offices are located in this multi-function building.



capacity 625 GPM, complete with 500 gallon water tank, chemical extinguishers, hoses and ladders.

One 1961 GMC truck with a tank capacity of 500 gallons equipped with a high velocity pump and hoses.

There is also a modern fire fighting unit owned and operated by North Western Pulp & Power and stationed at the Mill.

#### **Water Supply—**

Water is obtained by the Town from North Western Pulp & Power, who obtain their water supply from the Athabasca River. The water is pumped into two reservoirs with a combined capacity of 500,000 gallons. There are 82 fire hydrants conveniently located throughout the Town.

### **12. TAX STRUCTURE**

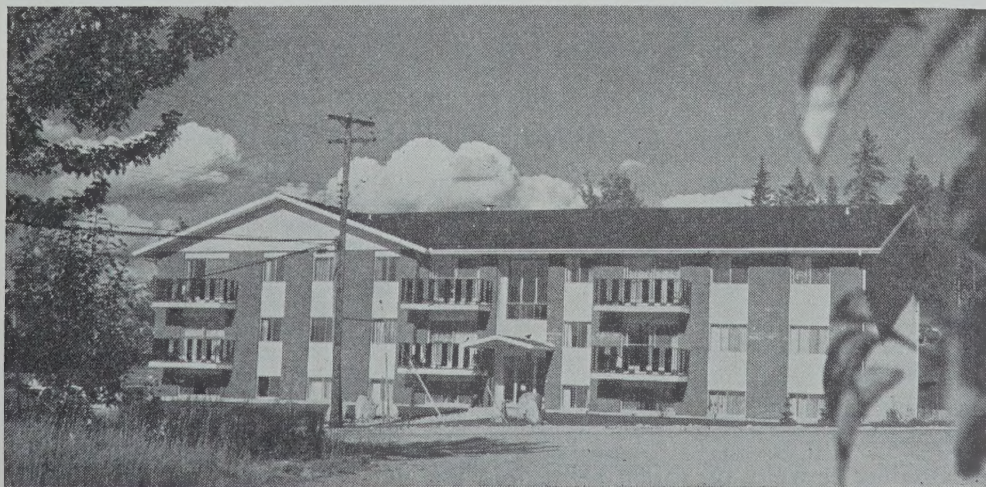
	<b>1970 Net Assessment</b>
Land - 100% of value	\$ 2,521,752
Improvements - 60% of fair value	10,653,820
<b>TOTAL</b>	<b>\$13,175,572</b>

#### **Mill Rate—**

Municipal 16.5; School 37.4; Hospital .61; Health Unit 1.4;  
Debenture Dept. 5.1.                      **TOTAL 61 mills.**

### **13. AREAS**

Total area of town - 3,520 acres.



**Modern apartment houses offer a variety in types of accommodation.**

## Miles of Streets and Lanes

	Bituminus Pavements	Bituminus	Gravel	Total
Provincial Main	5			5.0
Streets & Roads		10.8	9.9	20.7
Lanes			2.5	2.5
		TOTAL MILES -		28.2

## 14. SEWER AND WATER MAIN MILEAGE

Storm sewers	- .94
Sanitary Sewers	- 13.12
Water Mains	- 11.84

## 15. POWER

Three phase, 60 cycle power is supplied to the Town under franchise, by Calgary Power Ltd.

### Domestic Rates—

Available only for cooking, lighting, domestic power and other ordinary uses in private houses and individual apartments used exclusively for Residential purposes.

First 20 KWH or less used per month, \$2.60 Gross Minimum; subject to a prompt payment discount of 30c, making \$2.30 Net Minimum.

The next 280 KWH used per month 1½c Net per KWH

Over 300 KWH used per month 1½c Net per KWH

Reconnection charge: twice the Net Minimum.

### Commercial or General Service Rates—

Available where other rates listed do not apply.

Demand charge:

\$1.00 per month per KVA (or fraction thereof) of demand.

Energy charge:

The first 40 KWH/KVA/month, 5c per KWH.

The next 70 KWH/KVA/month, 3c per KWH.

Over 700 KWH/month, 1½c per KWH.

## 16. WATER

Water is purchased by the town from the North Western Pulp & Power Company who obtain the water from the Athabasca River. The company has a pumping capacity of 30,000,000 gallons per day. The water is pumped into two ground storage reservoirs which have a total capacity of 500,000 gallons.



### Water Rates:

Domestic: \$5.00 per month flat rate, which includes sewerage charges. Billing every two months.

Commercial: First 3,000 gallons or portion thereof - \$4.00.

Next 12,000 gallons - \$1.00 per M gallons.

All excess gallons used per month 75c per M gallons.

Sewer charges: as per schedule of by-law No. 68 of the town of Hinton.

Industrial: No industrial accounts presently serviced by the town.

### Water Analysis

#### Parts per Million

Total solids	164
Ignition loss	68
Hardness	120
Sulphates	27
Chlorides	.3 Residual (added)
Alkalinity	85
Nature of Alkalinity - Bicarbonate of Lime and Magnesium.	
Nitrates	nil
Nitrites	nil
Iron	nil
Fluorine	1.0 (added)

Remarks: Water chemically suitable.

## 17. GAS

Natural gas is supplied to the town under a franchise by Northwestern Utilities Limited.



There is more than one shopping area in the town, to serve the widespread population distribution.

**Rate No. 1 - General Rate—**

Available to all customers

First 20 therms or less used per month \$3.00 per month

All additional therms used per month 6.9c per therm

Minimum monthly charge \$3.00

When accounts are not paid on or before the due date, the charge per Therm other than the first 20 Therms, shall be increased by 0.3 cents per Therm and the gross rate so arrived at shall apply.

**Rate No. 2 - Optional Rate—**

Available on annual contracts to all customers whose annual consumption is more than 8,800 Therms.

Fixed charge \$20.00 per month

Plus commodity charge 4.4c per Therm

Minimum charge \$20.00 per month

When accounts are not paid on or before the due date, the charge per Therm shall be increased by 0.2 cents per Therm and the gross rate so arrived at shall apply.

This rate is available only on annual contract, which shall continue from year to year thereafter until either party shall give to the other party, at least 30 days prior to the expiration of any such year, a written notice of desire to terminate same whereupon at the expiration of such year, it shall cease and determine.

**18. L.P. GAS**

Heat value 2,521 BTU per cubic foot at 60 degrees F.

100 pound cylinder \$7.00

Bulk 18.8c per gallon

Storage capacity 25,000 gallons



This shopping centre provides a wide range of retail and service outlets.



## **19. DIESEL FUEL**

Heat value 135,000 to 140,000 BTU per gallon at 60 degrees F.

Winter grade - 21.6.

Storage capacity - 40,000 gallons.

## **20. COAL**

None used in town.

## **21. LOCAL RESOURCES**

Horses, cattle, lumber, sand and gravel, gas, pulpwood.

## **22. GOVERNMENT OFFICES AND SERVICES**

### **Federal—**

Post Office, Royal Canadian Mounted Police offices and quarters, Canada Manpower, Canada Pension.

### **Provincial—**

Alberta Government Telephones, Liquor Vendor, Social Development, Forestry Station and Provincial Forestry Training School, Magistrate's Court.

### **Municipal—**

Town of Hinton Civic Centre - housing (Town Manager; fire hall; police department; Town Superintendent; works and utilities department; welfare; council chambers).

## **23. HEALTH SERVICES**

The Hinton Municipal Hospital has 27 beds and 7 bassinets. The hospital staff consists of a matron, 10 full time nurses, 1 part time nurse and



The Hinton arena is the centre of many social affairs for the whole town.

6 full time nurses aides and 1 part time nurses aide. Rates per day for public wards for Alberta residents included with Alberta Hospital Insurance, after admission charge of \$5.00; non-residents \$25.00.

The Edson Health Unit of which the Town is a member, provides the following services: Immunization of all school and pre-school children; examination of all persons residing in the Health Unit district; pre-natal and post-natal care; inspection of water and food supplies as well as sanitary inspection; auxiliary dental service; the unit maintains a sub-office in the town.

Other health services: 5 doctors; 3 clinics; 2 dentists; 2 drug stores; health inspector; district nurse; 1 chiropractor (visiting); 3 optometrists (visiting).

**24. PROFESSIONAL AND SKILLED PERSONAL SERVICES**  
**(Excluding Health Services)**

Type of Service	Number of Establishments
Barristers	2
Accountants	2
Barbers	3
Beauty Parlors	4
Shoe Repairs	1
Watch Repairs	2
AMA Tests (Bi-monthly) for Driver's Licenses.	

**25. TRANSPORTATION**

CNR Transcontinental main line Vancouver to Montreal via Hinton.  
Greyhound Bus Lines daily east and west; (special summer services).



The hospital at Hinton is well equipped and well staffed.



Taxi stands - 1 — 2 cabs.

Daily truck service to Edmonton.

3500 foot length airport (sodded) for light aircraft.

Highway 16.

Yellowhead Route.

## 26. NEWSPAPERS

Hinton Herald Parklander (weekly).

Edmonton Journal (daily).

## 27. COMMUNICATIONS

Alberta Government Telephones; Canadian National Telegraphs; Post Office and Sub-Post Office; Teletype - CNR and North Western Pulp & Power Ltd.; nearest radio stations — Edmonton - CFRN, CJCA, CHED, CKUA, CBX, CHFA; Edson - CJYR; nearest TV station — Edmonton - CFRN closed circuit television cable system, Rocky Mountain CATV; also CBC TV (satellite station).

## 28. FINANCIAL FACILITIES

Royal Bank of Canada; Bank of Nova Scotia (2 branches); Credit Union.

## 29. HOTELS

	No. of Rooms	Rate	Beer License
Athabasca Valley	50	Single \$ 7.50 Double \$10.50	Yes
Hinton	29	Single \$ 6.00 Double \$10.00	Yes
Timberland	32	Single \$ 6.00 Double \$10.00	Yes

## 30. MOTELS

	No. of Units	Grade	Rate
Rocking Star	12	3 Star	\$7.50 up
Pines Motel	8	4 Star	\$6.00 up
West Hinton Ranch	21	1 - 4 Star 5 - 3 Star 7 - 2 Star 8 - 1 Star	\$3.50 up
Big Horn Motel			
Downtowner Motel			
Tera Vista (New)	20		
Johnson's Motel	11	4 Star	\$6.00 up

### **Trailer Courts—**

Rainbow - water & sewer.

Johnson's - water & sewer.

Parklane - water & sewer.

Free camping — Town maintains modern campground in town equipped with flush toilets and town water.

### **31. CHURCHES**

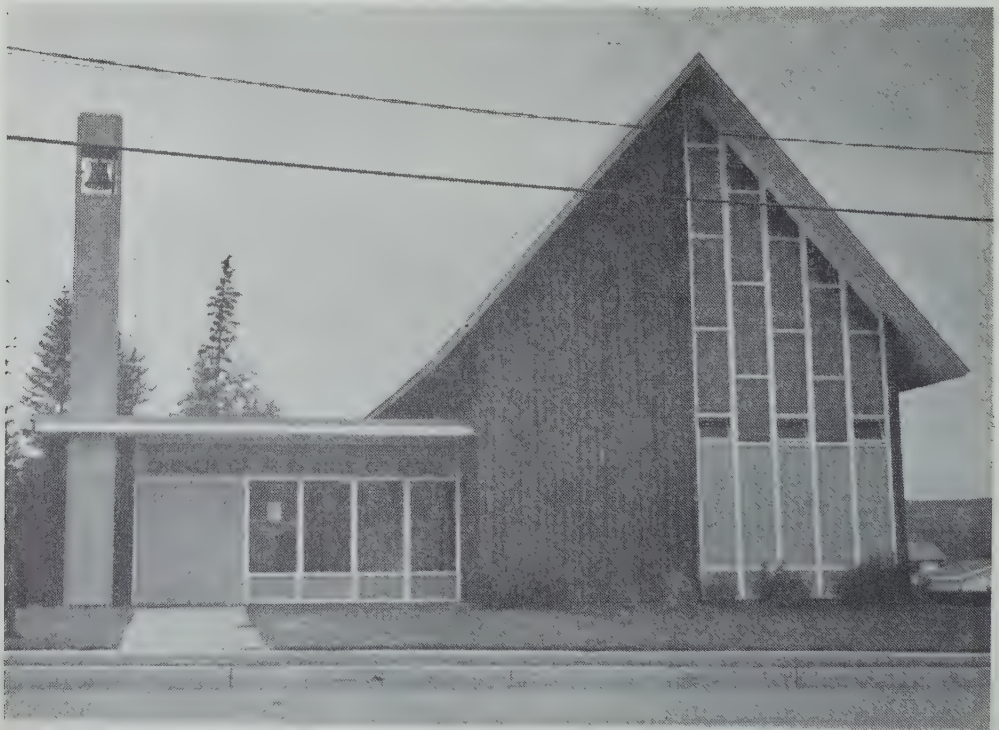
Anglican, Baptist, Catholic, Christian Reformed, Jehovah Witness, Lutheran, Mormon, Pentecostal, United.

### **32. LODGES AND SERVICE ORGANIZATIONS**

Masonic, Elks, O.O.R.P., Knights of Columbus, Loyal Order of Moose, Kiwanis, Optimist, Kinsmen, Kinettes, Royal Canadian Legion, Women's Auxiliary Canadian Legion, Hinton and District Chamber of Commerce, Beaver Club (for retarded children), Alcoholics Anonymous, Hospital Auxiliary.

### **33. SOCIETIES AND ASSOCIATIONS**

Red Cross, Hinton Minor Athletic Association, Cancer Society, Hinton and District Fish and Game Association (Rod and Gun Club affiliated), Hinton Ski Club, Hinton Golf and Country Club.



Many fine new modern churches are located throughout the town.



34. EDUCATION

The Hinton School District Board No. 4518 is part of the Yellowhead School Division No. 12, and operates a complete elementary, junior high and high school system providing all grades up to and including grade 12. Optional art courses in commercial, art, music, drama, home economics and shop. The school population is made up as follows:

	Grades	No. of Teachers	No. of Pupils
Crescent Valley	1 - 6	20 (2 part time)	480
Mountainview (Jr. High)	1 - 7 (7)	27	650 (159)
Harry Collinge High School (Jr. High)	8 - 12 (8)	27 (2 part time)	550 (150)
Forestry School			
2 Kindergartens			



The elementary school at Hinton offers students new, modern facilities.



The high school is named after Harry Collinge, early leader in town development.

### 35. THEATRES AND HALLS

	Capacity	Stage	Piano
Roxy Theatre	250	Yes	No
Hinton Theatre	250	Yes	No
Athabasca Valley Hotel			
Ball Room	300	Yes	Yes
Timberland Hotel			
Banquet Room	200	Yes	Yes
Legion Hall	350	Yes	Yes
3 School Auditoriums			
Total capacity	1200	Yes	Yes

### 36. CULTURAL ACTIVITIES

A Public Library is set up in conjunction with the school library facilities in the Harry Collinge High School. There is no charge for this facility. North Western Pulp & Power maintain a technical library at the Mill.

A volunteer group arranges Overture Concert Series by subscription.

Other facilities include Arts and Crafts, drama, night school courses and shop at school.

### 37. YOUTH ACTIVITIES

Boys - Scouts, Cubs, Junior Forest Wardens, Army Cadets, Church groups.

Girls - Guides, Brownies, Rangers, Junior Forest Girl Guards, Church groups.



All denominations are represented by the churches in the town.



### 38. SPORTS

Most sports come under the supervision of the Hinton Minor Sports Association; these include baseball, junior and senior hockey and figure skating. Others are basketball, badminton, swimming, field and track, curling and golf.

#### **Sports Facilities—**

A covered artificial Ice Arena built to competition standards and has a heated seating capacity of 600 people. This facility is Town operated and free to the residents of Hinton.

A covered, four sheet curling rink with the ice area heated; swimming pool with a continuous flow of warm water, free swimming and Red Cross



The Hinton Curling Club is very active during the brisk winter season.



The town enjoys use of a fine large swimming pool during the summer months.

instructions; a 40-acre sports field including a running track and soccer pitch; five ball diamonds are located in the two parks and playground areas as well as at the schools; a nine-hole golf course with grass greens and clubhouse; a gymkhana arena and track.

### **39. HISTORIC SITES**

The site of the Canadian Northern Railway construction camp which marked the end of the steel prior to the completion of the Mountain survey was situated just west of the present townsite. Moberley Cemetery (which will be restored and marked accordingly).

### **40. CO-OPERATIVES**

Hinton and District Saving and Credit Union.



The Canadian Legion is a popular centre for residents of the district.



#### 41. INDUSTRY AND BUSINESS

Type of Industry or Business	No. of Establishments	or Business Type of Industry	Establishments No. of
Accountants .....	2	Laundry & Dry Cleaner Agency .....	1
Auto Body Shops ....	2	Laundry (coin operated) .....	2
Bakeries .....	1	Law Office ....	2
Barbers .....	3	Lumber Yard .....	2
Banks ....	3	Mail Order Office .....	2
Beauty Parlors .....	4	Milk Delivery .....	1
Bowling Alley .....	1	Motels .....	7
Cartage Delivery ....	2	Oil Distributor .....	2
Clothing (men's) ....	6	Optometrist .... (calling)	3
Clothing (children's) .....	5	Planing Mills .....	1
Clothing (women's) .....	3	Plumbers & Gas Fitters .....	2
Chain Saw Distributors ....	2	Pool Room ....	2
Chiropractors .... (calling)	1	Printers .....	1
Contractors ....	6	Propane Gas Distributors .....	4
Creamery .....	1	Pulp Haulers .....	3
Dentist .....	2	Pulp Mill .....	1
Department Store ....	2	Restaurants ....	7
Doctors .....	5	Sewing Machine Service (calling) ....	1
Drug Stores ....	2	Shoe Repairs ....	1
Drive-In Dairy Bars .....	4	Taxi Stands ....	1
Excavating Contractors ....	3	Theatres .....	2
Furniture .....	4	Tire Repairs ....	3
Garage & Service Stations .....	11	Trailer Courts .....	3
Groceries .....	4	TV Distributor .....	1
Guides & Outfitters .....	8	TV Sales & Service .....	2
Hardware & Appliances ....	6	Trucking .....	6
Insurance & Real Estate .....	3	Variety Stores .....	2
Jewellers .....	2	Welding & Machine Shops .....	3
Laundry & Dry Cleaners .....	1	Woodworking & Repair Shops .....	4

#### 42. SITES

Residential, commercial and industrial sites with trackage and highway facilities can be purchased from the town or private owners.

#### 43. INDUSTRIAL DEVELOPMENT

To date an investment of \$75 million was invested by North Western Pulp & Power Ltd. of which \$60 million was spent on the construction and renovations to the plant. The present operating staff consists of 530 persons with an additional 200 persons dependent on the plant through woodlands operation. The value of pulp shipped from the plant averages \$30 million per year with purchases by the company of \$16 million average per year. The annual payroll of the Company is \$5 million.

#### **44. TRADING AREA**

North 100 miles, West 50 miles, South 40 miles, East 50 miles.

#### **45. POPULATION**

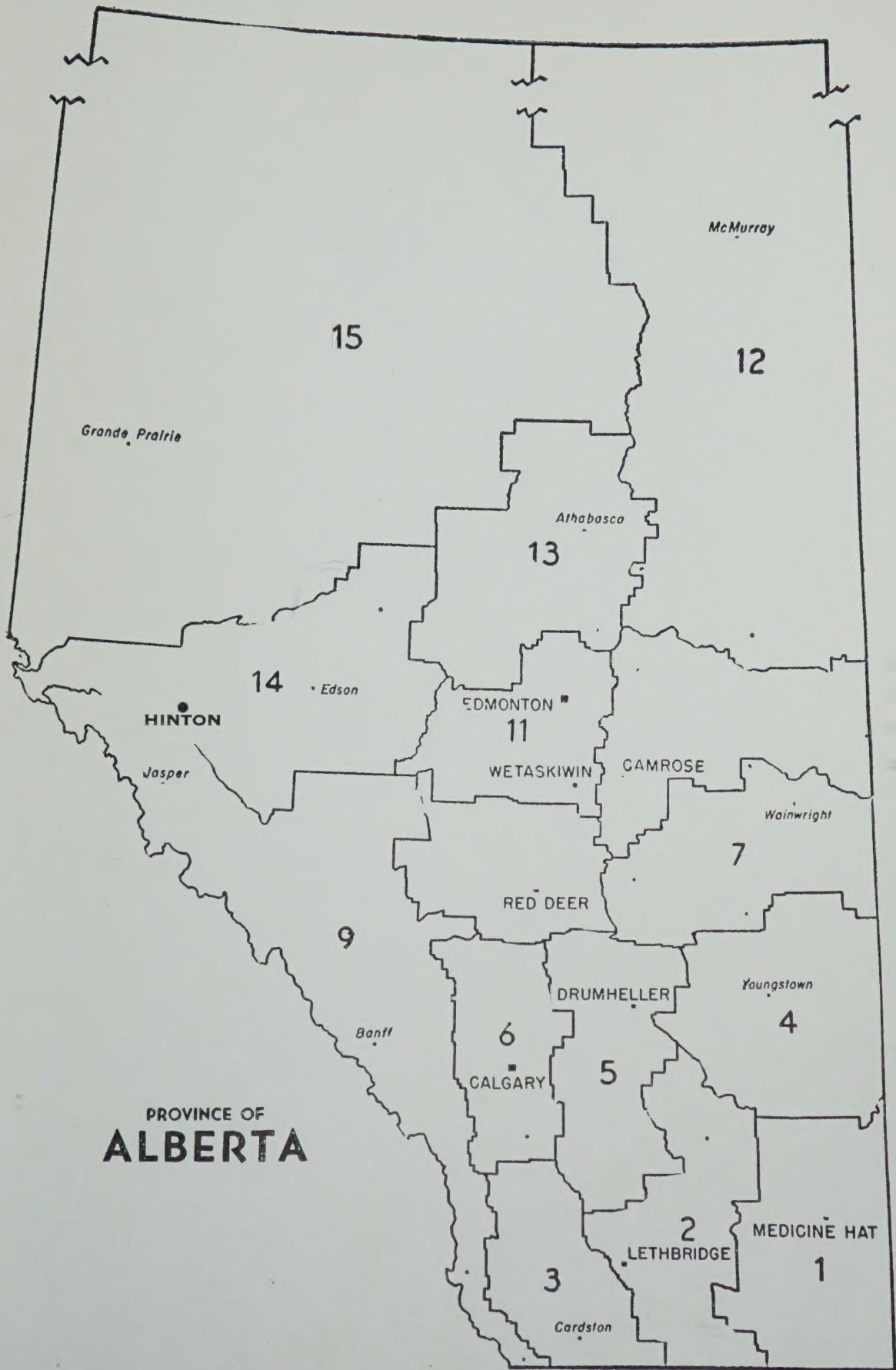
Trading area population (estimated) - 12,000.

Town population, 1970 (estimated) - 5,200.



The pulp mill at Hinton harvests the forests to produce a fine craft pulp.





PROVINCE OF  
**ALBERTA**

McMurray

15

12

Grande Prairie

Athabasca

13

14

• Edson

HINTON

Jasper

EDMONTON

11

WETASKIWIN

CAMROSE

Wainwright

7

RED DEER

9

DRUMHELLER

Youngstown

4

Banff

6

CALGARY

5

2

MEDICINE HAT

LETHBRIDGE

1

3

Cardston







